

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided  
they contain the same information)

1. Name of Applicant or Company WESTERN INTERNATIONAL CORPORATION
2. Proposed type of operation OPEN PIT EXTRACTION
3. (a) Prior Land Use(s) Silver King Ext Mine tailing dump  
(b) Current Land Use(s) vacant  
(c) Possible or Prospective Future Land Use(s) Condominium subdivision
4. What vegetation exists on the land proposed to be affected Sagebrush,  
wild grasses, and small willows.  
(a) Types and Estimated Percent cover or density: Sparse covering of  
above mentioned vegetation, probably less than 80% of surface.
5. What is the pH range of soil before mining? \_\_\_\_\_ pH  
Name of Person or Agency and method of determining pH \_\_\_\_\_
6. Site elevation above sea level 6700 feet
7. In case of coal, oil shale, and bituminous sandstone:  
Principal seam(s) and thickness(es) --
8. Estimated duration of mining operations three to four years
9. Has overburden, waste or rejected materials been classified as acid or  
alkali producing? ( ) Yes (xx) No  
Does the above material being moved have any other characteristics  
affecting revegetation? No
10. Will any underground workings or aquifers be encountered? ( ) Yes (XX) No  
Describe \_\_\_\_\_  
Is there an active discharge of water from abandoned deep mines on or  
crossing the land affected? ( ) Yes (XX) No If yes, describe  
the quality of water being discharged. \_\_\_\_\_

11. Describe specifically a detailed procedure for:
- (a) The mining sequence
  - (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
  - (c) The procedure for site preparation including removing trees and brush.
  - (d) The method for removing and stockpiling topsoil or disturbed materials.
  - (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
  - (f) A procedure for final stabilization of disturbed materials.

#### GRADING AND REGRADING

Specifically describe:

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- (c) What type of soil treatment will be utilized.
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope.

#### TESTING

1. Describe method for testing stability of reclamation fill material.

Not applicable

Describe method for the testing of soil that is intended to support vegetation

per Utah State University soil testing labratory

2. Describe any soil treatment employed as an aid to revegetation \_\_\_\_\_

Per USU recommendations

3. Describe surface preparation of areas intended to support vegetation:

Proper contouring, seeding, planting, fertilizing and addition of top soil where recommended.

#### REVEGETATION

1. Revegetation to be completed by:

(☒) Operator  
( ) Soil Conservation District  
( ) Private Contractor  
( ) Other (specify) \_\_\_\_\_

( ) Hydroseeding  
( ) Aerial Seeding  
( ) Conventional or Rangeland Drill  
(☒) Broadcast and Drag  
( ) Other \_\_\_\_\_



Item No. 11.

The mining operation consists of dozing tailings into a pile using a D9 cat, loading the tailings into the concentrator for precious metals recovery with a front end loader, then dozing the washed tailings back to their original site.

Access to the site will be from State Highway 248 and will be a very short road (about 50 feet) from the highway, bridging an irrigation ditch, on to the site.

The vegetation consists of wild grass, sagebrush and small willows and covers about 65% of the surface area. It will be cleared and, depending on local restrictions, either burned or hauled away.

We anticipate there will be no acid or alkali-producing or toxic materials encountered. The materials removed will be returned and the land will be prepared for reclamation per recommendations of Utah State University. We currently plan to build condominiums on the land and top soil. All laws and restrictions of both Park City and Summit County will be met.

It is doubtful that there are fish in Silver Creek at this point and the wildlife ecology is negligible due to the previous diversions of the stream.

2. Will Mulch be used? ( ) Yes ( ) No If recommended by USU  
Type: \_\_\_\_\_ Rate/Acre \_\_\_\_\_ lbs.

3. Revegetation Plan and Schedule - To be determined at final decision\*

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted

\* We are currently planning on building a condominium subdivision on the property, and if so, the above is not applicable.

4. Will affected area be subject to livestock or wildlife grazing?

( ) Yes ☒ No Will vegetation protection be needed? No

5. Will irrigation be used: ( ) Yes (XX) No Type \_\_\_\_\_

6. Describe maintenance procedures for revegetation if needed, until surety release is granted. Probably not applicable, see #3 above.

STATE OF UTAH

COUNTY OF SALT LAKE

I, Dennis K. Engle, having been duly sworn  
depote and attest that all of the representations contained in the foregoing  
application are true to the best of my knowledge; that I am authorized to  
complete and file this application on behalf of the Applicant and this  
application has been executed as required by law.

Signed: Dennis K Engle

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this 13th day of April, 1981.

Notary Public: Ellis LaVar Engle

Ellis LaVar Engle

My Commission Expires: August 29, 1984

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as  
follows:

"Information relating to the location, size, or nature  
of the deposit and marked confidential by the operator,  
shall be protected as confidential information by the  
Board and the Division and not be a matter of public  
record in the absence of a written release from the  
operator, or until the mining operation has been  
terminated as provided in subsection (2) of section  
40-8-21."

Is confidential information contained herein?

YES

DKE (Initial)

NO

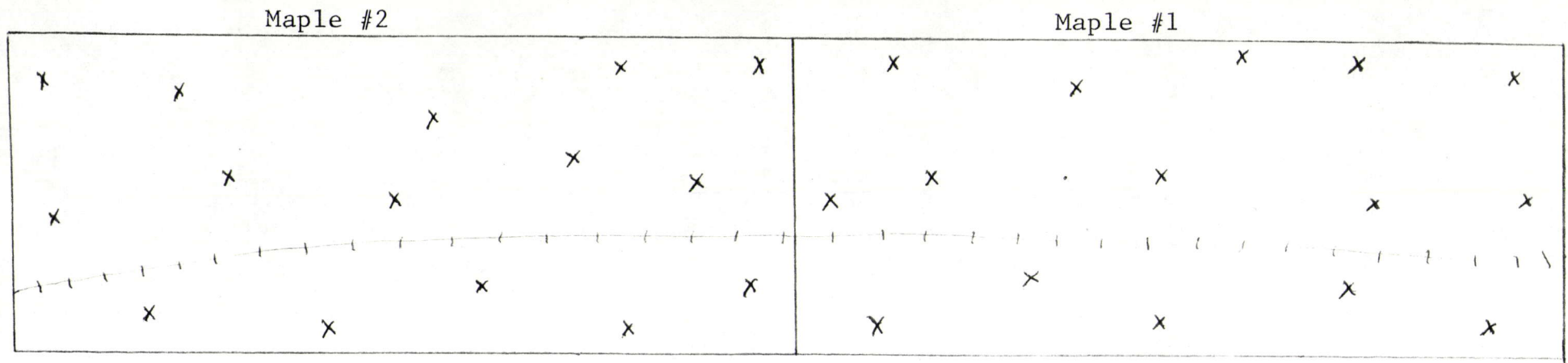
\_\_\_\_ (Initial)

Sections desired to be maintained as confidential information -

All \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



WESTERN INTERNATIONAL CORPORATION  
Soil Samples



Sample #1: Taken from Maple #1 on the north side of the tracks.

Sample #2: Taken from Maple #2 on the north side of the tracks.

Sample #3. Taken from both sections on the south side of the tracks.

Scale: 1 inch equals 300 feet

X : Indicates approximate sample locations

---+---: Indicates railroad tracks.

SOIL TEST REPORT  
and  
FERTILIZER RECOMMENDATIONS

Date received 4/14/81

Payment received \$ -0-

Balance due \$ 15.00

Name Engle Development Corp.

Street 1399 S. 700 E.

City, State Salt Lake City, Utah 84105  
ZIP

Your USU Extension Agent Linnis Mills

LABORATORY REPORT

Lab. No.	Sample No.	Crop	Soil Texture (Estimated)	Lime	pH	Soluble Salts EC <sub>e</sub>	Organic Matter %	Plant Nutrient Index			
								Nitrate ppm N	Phosphorus ppm P	Potassium ppm K	
S-698	1	Mining	Loam	+	7.0	.1			43	239	
S-699	2	"	Loam	+	6.9	.5			13	102	
S-700	3	"	Sandy Loam	+	7.2	.7			4.9	18	

ATTENTION GROWERS

These fertilizer recommendations are based on the soil analysis results, the information you supplied on the Description sheet, and on the average growing season for your area. They are guides developed from the best available scientific data, but may require some modification for your specific situation. Consult your Extension Agent for more details.

Remember that a high yield goal can be attained only when proper fertilization is used in combination with crop production management and climatic conditions consistent with that yield goal.

USU POLICY

It is the policy of the USU Soil Testing Laboratory to recommend only those nutrients that offer a reasonable possibility of increasing the yield of your crops, and in those amounts that should be necessary to achieve your yield capability. Ranges of nutrients are sometimes given, to permit some farm operator judgement.

FERTILIZER RECOMMENDATIONS FOR 19\_\_ CROP

Sample No.	Pounds of Nutrient per acre				* Special Notes
	Nitrogen (N)	Phosphorus (as P <sub>2</sub> O <sub>5</sub> )	Potassium (as K <sub>2</sub> O)	Other	

\*See referenced notes on the back of this sheet for explanations and special instructions.

$$P_2O_5 \times .45 = P$$

$$K_2O \times .82 = K$$



